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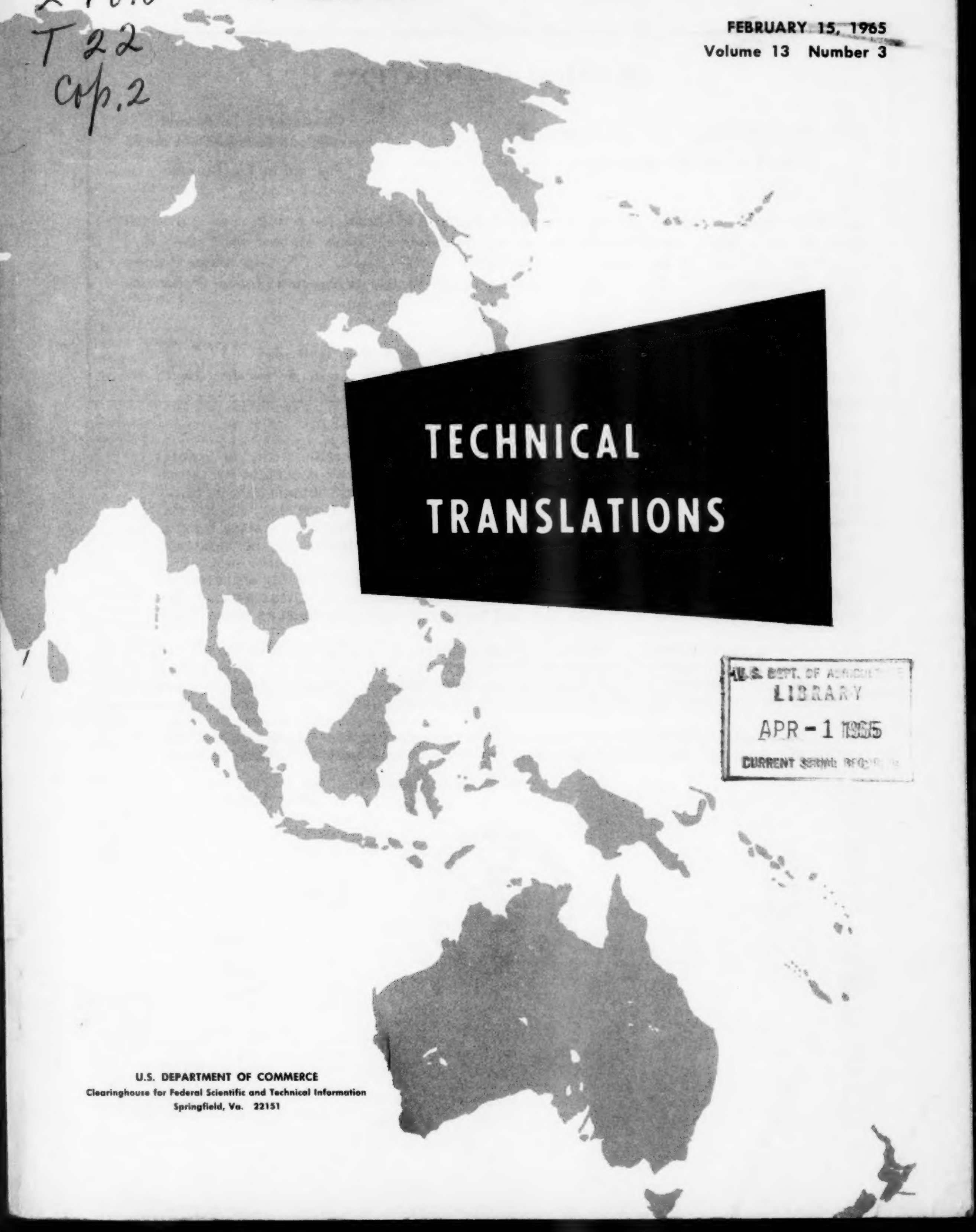
Volume 13 Number 3



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TECHNICAL TRANSLATIONS

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HOW TO ORDER TRANSLATIONS

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References to sources of original text are given as they appear on the translation, with sufficient editing to assure uniformity in citations.

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P.O. Box 46354
Hollywood, California 90046

AGI
AGI Translations Office
American Geological Institute
1444 N Street, N. W.
Washington, D. C. 20005

AGS
American Geographical Society
Broadway at 156th Street
New York, New York 10032

AGU
American Geophysical Union
Suite 506, 1145-19th Street, N.W.
Washington, D. C. 20036

AIAA
American Institute of Aeronautics and Astronautics
500 Fifth Avenue
New York, New York 10036

AIBS
American Institute of Biological Sciences
2000 P Street, N. W.
Washington, D. C. 20006

AIP
American Institute of Physics
335 East 45th Street
New York, New York 10017

AIS
Argus Information Service
624 N. Eutaw Street
Baltimore, Maryland 21201

AM
Acta Metallurgica
122 East 55th Street
New York, New York 10022

AMS
American Mathematical Society
190 Hope Street
Providence, Rhode Island 02906

ANSP
Academy of Natural Sciences of Philadelphia
19th St. and the Parkway
Philadelphia, Pennsylvania 19103

API
Academic Press, Inc.
111 Fifth Ave.,
New York, New York 10003

ARS
American Rocket Society, Inc.
20th and Northampton Streets
Easton, Pennsylvania 18042

ATS
Associated Technical Services, Inc.
P.O. Box 271
East Orange, New Jersey 07017

BGIRA
British Glass Industry Research Association
Northumberland Road
Sheffield 10, England

BIHR
Circulation Manager
Translations of the Beltone Institute for Hearing Research
2900 West 36th Street
Chicago, Illinois 60632

BISI
British Iron & Steel Industry Translation Service
The Iron and Steel Institute
4, Grosvenor Gardens
London, S. W. 1, England

BWRA
British Welding Research Association
Abington Hall, Abington
Cambridge, England

CB
Consultants Bureau Enterprises Inc.
227 West 17th Street
New York, New York 10011

CCT
Consultants Custom Translations Inc.
227 West 17th Street
New York, New York 10011

CHP
Cleaver-Hume Press, Ltd.
31 Wright's Lane
London, W. 8, England

CID
Centro de Informacion y Documentacion
Patronato Juan de la Cierva,
Serrano 150, Apartado 743
Madrid 6, Spain

CIDNT
Centralny Instytut Dokumentacji Naukowo-Technicznej
Warszawa 12
Aleja Niepodleglosci 188
Poland

CNP
Comitato Nazionale per là
Produttivita
Service d'Information
Viale Regina Margherita N. 83D
Rome, Italy

CNRS
Centre National de la Recherche
Scientifique
Centre de Documentation
15 Quai Anatole France
Paris 7, France

CSIRO
Commonwealth Scientific and Industrial Research Organization
Information Service
314 Albert Street
East Melbourne C. 2, Victoria
Australia

CTRA
The Librarian
The Coal Tar Research Association
Oxford Road
Gomersal, Leeds, England

CTS (Chem)
Chemical Translating Service
2243 Greer Road
Palo Alto, California 94300

CTT
Columbia Technical Translations
5 Vermont Avenue
White Plains, New York 10600

DI
Circulation Unit
Department of the Interior
Central Library
Room 1149
Washington, D. C. 20240

DTC
Danish Translations Centre,
c/o Library of the Danish Atomic
Energy Commission,
Riso. Roskilde, Denmark

EIS
Engineering Information Services
Kirkham, Preston, Lancashire,
England

ES
Erica Stux
584 Morely Avenue
Akron, Ohio 44320

ETC
European Translations Centre
Doelenstraat 101, Delft
The Netherlands

EURO-T.S.
Euro-Translation Service
20 Rue Europe
Grivegnee (Liege), Belgium

FASEB
Federation of American Societies
for Experimental Biology
9650 Wisconsin Avenue
Washington, D. C. 20014

FRI
Fulmer Research Institute, Ltd.
Stoke Poges,
Buckinghamshire,
England

FT
Faraday Translations
15 Park Row
New York, New York 10038

GB
Gordon and Breach
Publishers, Inc.
150 Fifth Avenue
New York, New York 10011

GPO
Superintendent of Documents
Government Printing Office
Washington, D. C. 20402

GPRC
Geophysical & Polar Research
Center
6021 S. Highland Road
Madison, Wisconson 53706

HB
Henry Brutcher
P.O. Box 157
Altadena, California 91001

HMSO
Her Majesty's Stationery Office
P. O. Box 569
London, S. E. 1, England

HTCBN
Hungarian Trading Company for
Books and Newspapers "Kultura
Budapest 62, P. O. Box 149

ICE
International Chemical Engineering
345 East 47th Street
New York, New York 10017

IEEE
Institute of Electrical & Electronics Engineers
275 Madison Avenue
New York, New York 10016

INFOSERV
Infoserv
P. O. Box 217
West Hartford, Connecticut 06097

INT
International Patent Service N. V.
P. O. Box 101
's-Hertogenbosch,
The Netherlands

IP
Interscience Publishers, Inc.
250 Fifth Avenue
New York, New York 10001

IPST
Israel Program for Scientific
Translation
Kiryat Moshe
P. O. Box 7145
Jerusalem, Israel

ISA
Instrument Society of America
530 William Penn Place
Pittsburgh, Pennsylvania 15219

K-H
Kresge-Hooker Science Library
Associates
Wayne State University
Detroit, Michigan 48202

LAND-AIR
Land-Air, Inc.
Pacific Missile Range
Point Mugu, California 95468

LC
Photoduplication Service
Publication Board Project
Library of Congress
Washington, D. C. 20540

LSA
Literature Service Associates
Route 1
Bound Brook, New Jersey 08805

MACL
Maclaren and Sons, Ltd.
Maclaren House
131 Great Suffolk Street
London, S. E. 1, England

MACM
Macmillan Co.
60 Fifth Avenue
New York, New York 10011

MDF
Morris D. Friedman
7553 Waterford Drive
San Jose, California 95129

MPIK
Max-Planck-Institut für
Kohlenforschung
Bibliothek der Abteilung
Strahlenchemie Stiftstrasse 34-36
433 Mülheim and der Ruhr,
West Germany

MT
M. de O. Tollemache
Pennyford Cottage
Burrington,
Umberleigh, Devon, England

MUL
Mulholland Engineering Translations
26 Burton Woods Lane
Cincinnati, Ohio 45229

NASA
National Aeronautics and Space Administration
1520 H Street, N. W.
Washington, D. C. 20546

NRCC
National Research Council Library
Ottawa 2, Canada

OB
Oliver & Boyd, Ltd.
Tweeddale Court
14 High Street
Edinburgh 1, Scotland

OSA
Optical Society of America, Inc.
33 University Road
Cambridge, Massachusetts 02138

OTS
Clearinghouse for Federal Scientific and Technical Information (Formerly Office of Technical Services)
Port Royal & Braddock Roads
Springfield, Virginia 22151
(Also available through Department of Commerce Field Offices)

PERA
The Information Manager
Production Engineering Research Association
Melton Mowbray
Leicestershire, England

PLP
Plenum Press, Inc.
227 West 17th Street
New York, New York 10011

PP
Pergamon Press
122 East 55th Street
New York, New York 10022

PS
Primary Sources
11 Bleecker Street
New York, New York 10012

RIA
Research International Associates
1522 Connecticut Avenue, N. W.
Washington, D. C. 20006

RIS
Research Information Service
Div. of Maxwell Scientific International, Inc.
122 East 55th Street
New York, New York 10022

RIS
Research Information Service
Div. of Pergamon International Corp.
122 East 55th Street
New York, New York 10022

SA
Seizaburo Aoki
Japanese Language Translation Service
15/2027 Chogo
Fujisawa, Japan

SIAM
Business Manager
SIAM Publications
Box 7541
Philadelphia, Pennsylvania 19100

SIC
Scientific Information Consultants Limited
661 Finchley Road
London N.W. 2, England

SLA
SLA Translations Center
The John Crerar Library
35 West 33rd Street
Chicago, Illinois 60616

ST
Scripta Technica, Inc.
1000 Vermont Avenue, N. W.
Washington, D. C. 20005

STS
Scientific Translation Service
1938 Verdugo Knolls Drive
Glendale, California 91200

STT
SCIENTECH, Scientific & Technical Translations
P. O. Box 3530
Cleveland, Ohio 44118

TC
Trans-Chem
1216 Oakdale, S. E.
Knoxville. Tennessee 37914

TDL
Mr. John Wiley
Technical Development Laboratories
P.O. Box 769
Savannah, Georgia 31400

TF
Taylor and Francis Ltd.
Red Lion Court, Fleet Street
London, E. C. 4, England

TIB
Technische Informationsbibliothek
Am Welfengarten 1
Hannover, West Germany

TIC
Technical Information Company
Patents Department
Chancery House
Chancery Lane
London, W.C. 2, England

TTIS
Translation & Technical Information Services
32 Manaton Road
London, S. E. 15, England

WBI
Warren Birkenhead, Inc.
901 Northern Life Tower
Seattle, Washington 98101
or
No. 25, 2-Chome, Shiba Hamamatsu-Cho
Minato-Ku, Tokyo, Japan

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TECHNICAL TRANSLATIONS

Volume 13, Number 3 Pages 139 - 219 February 15, 1965

AGRICULTURE

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 276. 10 Jul 64, 31p JPRS: 25420.
Order from OTS HC$1.00, MF$0.50 TT-64-31693

Trans. of 3 selected articles from Mar-Jun 64 issues of Hungarian and Rumanian journals.

A separate entry has been prepared for 1 article.

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Order from ETC or UBO $1.10 TT-63-27956

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Keresztesi, Bela.
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Order from OTS HC$1.00, MF$0.50 in TT-64-31693 (p. 1-22)

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UTILISATION DU BICARBONATE D'AMMONIUM COMME ENGRAIS. 10p. CNRS-II 185.
Order from ETC or CNRS $1.10 TT-63-26494

1958, v. 14(37) v. 37, p. 408-411.
Other translations in English are available from OTS or SLA $1.10 as TT-60-19158, 1959, 9p.; in French from OTS, ETC, or CNRS $1.60 as TT-62-29091, 14p.

Remery, Roger.
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THE RESULTS OF EXPERIMENTS DEVOTED TO THE STUDY OF THE TECHNIQUE OF IRRIGATION BY INFILTRATION: THE FURROW CHECK METHOD. 19p.
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Animal Husbanary

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FOTOKOLORIMETRISCHE METHODE VAN DE KWANTITATIEVE BEPALING VAN VET IN MELK. 10p.
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Trans. in Dutch of Prumysl Potravin (Czechoslovakia) 1962, v.13, p.154-157.

Bagdasarova, A. M.
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Trans. of Azerbaidzhanskaya Nauchno-Issledovatel'skaya] Vet[erinarnaya] Opytnaya Stantsiya. Trudy (USSR) 1957, v. 6, p. 79-85.

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Plant Cultivation

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TT-63-24384

Trans. of Vsesoyuznyi Nauchno-Issledovatel'skii Institut Zashchity Rastenii. Byulleten' (USSR) 1961, no. 5, p. 77-82.

Fukel'man, L.M.
DOSAGE DE L'HEXACHLOROBUTADIENE DANS LE SOL. 10p. CNRS-II 200.
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Huter, R.
FACTORS WHICH EXERCISE AN INFLUENCE ON THE NICOTINE CONTENT IN TOBACCO LEAVES. 7p.
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Trans. of Revue Romande d'Agriculture de Viticulture et d'Arboriculture (Switzerland) 1952, v. 8, no. 5, p. 36-37.

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Order from SLA $3.60 TT-64-10024

Trans. of [Institut National pour l'Etude Agronomique du Congo Belge. Publications]: Serie Scientifique (Belgium) 1949, no. 44 [31p].

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Mukhin, N. D. and Semenov, V. A.
RESULTS OF BARLEY SELECTION (Rezul'taty Selektsii Yachmenya). 27 Dec 63, 7p Trans. A-1415.
Order from OTS or ETC HC$1.00, MF$0.50
TT-64-13342

Trans. of Belorusskii Nauchno-Issledovatel'skii Institut Zemledeliya. Sbornik Nauchnykh Trudov (USSR) 1961, v. 7, p. 299-305.

Samoilov, M.A.
DIE MECHANISIERTE AUSPFLANZUNG VON RÜBENSTECKLINGEN (Mashinnaya Posadka Sveklovichnykh Vysadkov). 5p.
Order from ETC $1.10 TT-63-27828

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ASTRONOMY

Kolchinskii, I.G.
POSITIONS EXACTES DE LA PETITE PLANETE JUNON (3) D'APRES LES OBSERVATIONS PHOTOGRAPHIQUES DE L'ANNEE 1952 (Tochnye Polozheniya Maloi Planety Yunona (3) po Fotograficheskim Nablyudeniyam v 1952 g).16p. 5 refs.
CNRS-XXXVII 3.
Order from ETC or CNRS $1.60 TT-63-26647

Trans. in French of Odessa [U.]. Observatoriya. Izvestiya (USSR) 1947, v. 1, no. 2, p. 37-47.

Astrophysics

Becvar, Antonin.
[ATLAS OF THE SKY SKALNATE PLESCO II, CATALOG 1950.0: TABLE OF CONTENTS. 15p 15refs.
Order from SLA $1.60 TT-62-16717

Trans. of mono. Atlas Coeli Skalnate Pleso II, Katalog 1950.0 [Prague, 1951] p. vii-xiv.

Kozlova, K. I. and Glagolebskii, Yu. V.
COLOR EXCESSES IN SIX LUNAR CRATERS ACCORDING TO ELECTROPHOTOMETRIC OBSERVATIONS
George Kasachkoff, tr. 23 Oct 64 [7p] 2refs RSIC-313.
Order from OTS HC $1.00, MF $0.50 AD-608 538

Trans. of Astronomicheskii Tsirkulyar (USSR) 1958, no. 198, p. 1-2.

BEHAVIORAL SCIENCES

Tolnai, Gabor.
FUTURE DEVELOPMENT OF SCIENTIFIC QUALIFICATION AND THE TRAINING OF ASPIRANTS. 17 Jan 64, 8p JPRS: 22788.
Order from OTS HC $0.50, MF $0.50 TT-64-21324

Trans. of Magyar Tudomany (Hungary) 1963, v. 8[70] no. 9, p. 573-577.

Psychology

Faverge, J. M.
THE VALIDATION OF THE VALUE OF PREDICTION IN APPLIED PSYCHOLOGY (La Vérification de la Valeur du Pronostic en Psychologie Appliquée). [1963] [15p] 3refs
Order from SLA $1.60 TT-64-10293

Trans. from Revue Internationale de Philosophie (Belgium) 1951, v. 17/18, no. 3/4.

Garcia, J. Alves.
THE REASONS FOR SMOKING. 19p.
Order from K-H $11.40 K-H 2040

Trans. of Jornal Brasileiro de Psiquiatria, 1948, v. 1, p. 169-184.

Pertejo Sesena, J.
THE MYOKINETIC PSYCHODIAGNOSIS OF MIRA (El Psicodiagnostico Miokinetico de Mira).
[1963] [35p] 42refs
Order from SLA $3.60 TT-64-10035

Trans. of Revista de Psicologia General y Aplicada (Spain) 1951, v. 6, no. 19, p. 537-562.

BIOLOGICAL SCIENCES

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS NO. 16. 31 Jan 64, 8p JPRS: 23023.
Order from OTS HC $0.50, MF $0.50 TT-64-21454

Trans. of selected abstracts from Referativnyi Zhurnal. Biol[ogiya] (USSR) 1963 no. 12; Referativnyi Zhurnal. [Otdel'nyi Vypusk 53] Obshch[ie] Vopr[osy] Patol[ogii] Onkol[ogii] (USSR) 1963, no. 20; and Referativnyi Zhurnal. [Otdel'nyi Vypusk 30f: Biologicheskaya Khimiya] (USSR) 1963, no. 19.

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIOLOGY AND MEDICINE NO. 91. 12 Aug 64, 8p JPRS: 25865.
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Translated in 1964 by
Columbia Technical Translations
5 Vermont Ave., White Plains, N.Y.

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Translated in 1964 by
Columbia Technical Translations
5 Vermont Ave., White Plains, N.Y.

Vol. 27, No. 11 NUCLEAR SPECTROSCOPY IV (13)

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Translated in 1964 by
Columbia Technical Translations
5 Vermont Avenue
White Plains, New York 10606

Subscriptions: $215 per annum.
Single issues: $20 each.
Individual articles: $8 each.

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Translated in 1964 by
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White Plains, N.Y. 10606

Subscriptions: $215 per annum.
Single issues: $20 each.
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HERALD OF LENINGRAD UNIVERSITY, PHYSICS AND CHEMISTRY SERIES
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(Nauka i Zhizn')

1964, VOL. 31, NO. 4

CHILD TRAINING, YOGA, AND GROWTH HORMONES

- USSR -

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AJ

A Translation of "Astronomicheskii Zhurnal"

(Russian Original Vol. 40, No. 6, pp. 961-1137, November-December, 1963)

Vol. 7, No. 6, pp. 737 - 894 May-June, 1964

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Page	Line	Reads	Should read
199	Table 1, 2nd line	$-28°21'$	$-29°21'$
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199	Table 1, 4th line	$-28°19'17''$	$-29°19'17''$
200	Table 2, 8th line	$-23°21'49''$	$-28°21'49''$
201	1st column, 12th line	almost 1'.	almost 1^m

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Page	Line	Reads	Should read
560	Eq. (6)	$v'_{ref} \simeq v'_{ref} + \dots$	$v_{ref} \simeq v'_{ref} + \dots$
562	Table, 2nd column	q	$q_i \cdot 10^{18}$

In the article "Remarks on the Magnetic Field in the Tail of the Comet Mrkos 1957d," by V. M. Yuzhakov (page 591), the value of the magnetic induction should be divided by four.

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CRYSTALLOGRAPHY

A Translation of the Journal "Kristallografiya"

(Russian Original Vol. 9, No. 1, pp. 3-132, January-February, 1964)

Vol. 9, No. 1, pp. 1-116 July-August, 1964

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(Russian Original Vol. 9, No. 2, pp. 147-319, March-April, 1964)

Vol. 9, No. 2, pp. 117-256 September-October, 1964

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A Translation of the Journal "Kristallografiya"
(Russian Original Vol. 9, No. 3, pp. 323-454, May-June, 1964)

Vol. 9, No. 3, pp. 257-382 November-December, 1964

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A Translation of the Journal "Fizika Tverdogo Tela"

(Russian Original Vol. 6, No. 5, pp. 1261-1567, May, 1964)

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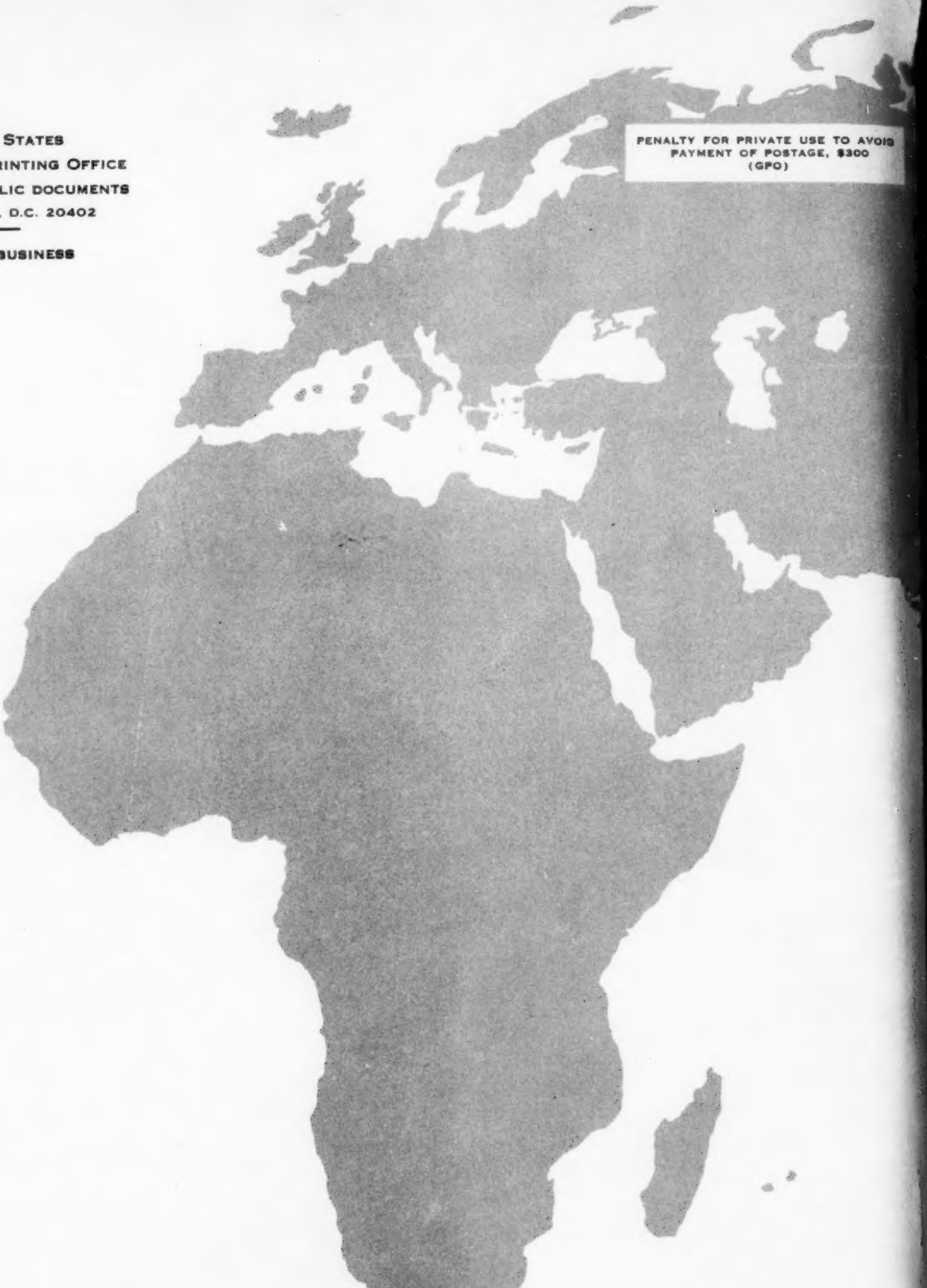

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